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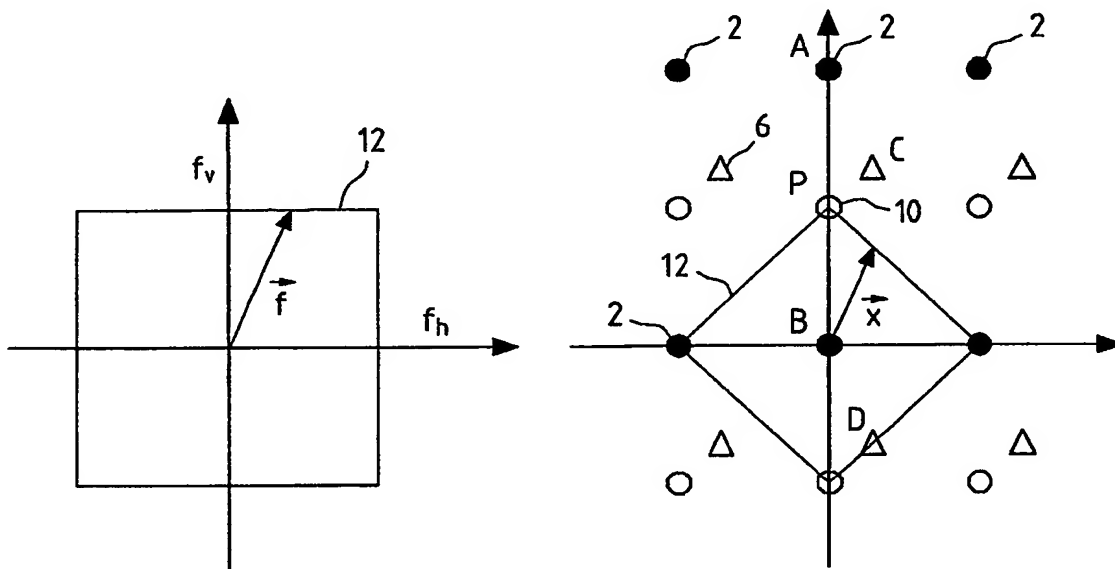
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(54) Title: **ROBUST DE-INTERLACING OF VIDEO SIGNALS**



(57) Abstract: The invention relates to an interpolating filter with coefficients that depend on the motion vector value, which uses samples that exist in the current field and additional samples from a neighboring field shifted over a part of a motion vector. Using samples from the current field and the motion compensated previous field that are not for vectors on a vertical line, the robustness of the de-interlacing may be increased. The interpolation quality may be better without increasing the number of input pixels.



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